

## Abstract

### Method and system for data transmission

The invention relates to a method for data transmission, in particular on the basis of the Bluetooth standard, in which data packets can be interchanged by radio by means of a timeslot method, in which communication channels are set up between a master subscriber and at least one slave subscriber, at least two communication channels are operated with reduced activity in a first operating mode, such that the data interchange takes place periodically during first time slots which are then followed by second time slots during which no data interchange is intended, a first communication channel, which can be operated in the first operating mode, is synchronized to at least one second communication channel which can be operated in the first operating mode. The invention also relates to a data transmission system which operates on the basis of the Bluetooth method, in particular for carrying out the method according to the invention.

Figure 3